

10/529409

Attorney Docket No. 114-02

First named inventor: GIN

JOINT INVENTOR'S DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LYOTROPIC LIQUID CRYSTAL NANOFILTRATION MEMBRANES ✓

the specification of which has an international filing date of October 3, 2003, has United States Application Serial Number 10/529,409, ✓ and was amended on March 29, 2005; ✓

I hereby authorize my legal representative to add reference to the Serial No. and/or filing date of the above-referenced application to this document.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, section 1.56.

Prior Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below:

| <u>Application Serial Number</u> | <u>Date of Filing (Month, Day, Year)</u> |
|----------------------------------|--|
|----------------------------------|--|

| | |
|--------------|------------|
| 60/416,077 ✓ | 10/03/02 ✓ |
|--------------|------------|

10/529409

Attorney Docket No. 114-02
First named inventor: GIN

**Prior U.S. Application(s) and PCT International Application(s)
Designating the United States**

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States listed below:

| Application Serial Number | Date of Filing (MM/DD/YYYY) | Status (Patented,Pending,Abandoned) |
|------------------------------|--------------------------------|--|
| PCT/2003/031429 ✓ | 10/03/03 ✓ | Pending |

Insofar as the subject matter of each of the claims in this application is not disclosed in the prior United States, foreign or International application(s) to which priority has been claimed above in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application(s) and the national or international filing date of this application.

Power of Attorney

I hereby appoint, both jointly and severally, as my attorneys and agents with full power of substitution and revocation, to prosecute this application and any corresponding application filed in the Patent Cooperation Treaty Receiving Office, and to transact all business in the Patent and Trademark Office connected herewith, the practitioners associated with:

Customer Number 23713

Correspondence Address

Please direct all correspondence to the address associated with:

Customer Number 23713

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(1) Full Name of

1-00 First Inventor: GIN, Douglas, L.
Residence: Longmont, CO CO.
Citizenship: CA ✓
Mailing Address: 708 Teal Circle, Longmont, CO 80503

(1) Signature

Douglas L. GIN

Date

04/22/05

(2) Full Name of

2-00 Second Inventor: ZHOU, Meijuan
Residence: Boulder, CO CO
Citizenship: CN ✓
Mailing Address: 1300 30th St., Apt. B4-33, Boulder, CO 80303

(2) Signature

Meijuan ZHOU

Date

4/23/05

(3) Full Name of

3-00 Third Inventor: NOBLE, Richard D.
Residence: Boulder, CO CO
Citizenship: US ✓
Mailing Address: 1262 Bear Mountain Court, Boulder, CO 80305

(3) Signature

Richard D. Noble

Date

4/15/05